

LCLS Magnet PS and Controls Subsystem

LCLS Magnet Controls

Documents

- [General](#)
- [LCLS Sharepoint for Magnets](#)
- [PCD Sharepoint](#)
- [Drawings](#)
- [Reviews](#)
- [Presentations](#)
- [Procurement](#)
- [Budget](#)
- [Contact Information](#)
- [SLC-Aware IOCs](#)
- [Proxy Information](#)
- [SLC Channel Access](#)
- [Broken Links - after conversion from wiki to confluence](#)

References

- [LCLS Controls Web Page](#)
- [Mailing Lists](#)

Operations

- [LCLS eLog](#)
- **[Network Nodes](#)**
- [EPICS IOCs](#)
- [Ethernet Power Supply Controller](#)
- [PLC](#)
- [Terminal Servers](#)
- [VME Crates](#)

Hardware

- [MCOR - VME \(Old Web Page\)](#)
- [EMCOR - Ethernet](#)
- [PLC](#)
- [PS Hardware](#)
- [Rack Profiles](#)
- [IO Signal List](#)
- [Old Web Page\)](#)
- [Undulator Magnet Cable Heat Dissipation](#)
- [BXKIK](#)
 - [Calibration](#)
 - [Peak Current vs Voltage setpoint](#)
 - [Triggers \(ABORT and STDBY\)](#)
 - [OTR TCAV BXKIK - Jan 15,2008](#)

Software

- [Device Names](#)
- [Magnet Control and Monitor Access from a PC](#)
- [CVSWeb for Magnet Application](#)
- [LCLS use of Matlab](#)
- [Magnet EPICS PV List Summary](#)
- [SLC Magnert Software](#)
 - [Micro](#)
 - [Alpha - MAGUTIL](#)
 - [Alpha - MAGSHR](#)
 - [Alpha - Databases](#)

Magnet Specifications

- [MAD DEC](#)
- [Magnet Component Specification](#)
- [Phase-II Location And Bar Code Assigments](#)
- [Master List](#)
 - [Master Magnet List -C. Rago](#)
 - [Master Magnet PS List -P. Bellomo](#)
- [Magnet by type \(New PS Only\)](#)
- [Magnet Database Information - K. Luchini](#)
- [Magnets for Jan 2, 2007 Commissioning](#)
- **[Magnetic Measurements](#)**
 - [XY-Corrector IVB Analysis](#)

- Installation and Commissioning
 - [Magnets Installation in the tunnel](#)
 - [Commissioning](#)

LCLS Magnet Power Supply and Controls Schedule
Injector and BC1
Cost and Schedule
Software Schedule
Old Web Page)
Installation Schedule (PDF)
Cable Plant
Downtime Schedule for 2006
BC2
Installation Schedule (PDF)
Downtime Schedule for 2007
Downtime Schedule for April 14-25, 2008
Phase IV
Installation Schedule (.mpp)
Downtime Schedule for 2008

Test Plans

- Bench
- Pre-Installation - Begins July 24, 2006 in bld24
 - [Test plan](#)
 - Detailed procedures
 - [Status Presentation by P.Bellomo Aug 16, 2006](#)
- Integration and System Checkout - Oct 10, 2006
- Commissioning - Begins Jan 3, 2007